Under the Paperwork Reduction Act of 1995, no persons are rec	quired to re	PTO/SB/05 (05-03) Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE espond to a collection of information unless it displays a valid OMB control number.							
		ey Docket No. SON-2792							
UTILITY	First Ir	nventor Manabu UCHINO							
PATENT APPLICATION	1	ARITHMETIC APPARATUS AND ARITHMETIC							
TRANSMITTAL	Title	METHOD							
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expres	Express Mail Label No.							
		MS Patent Application							
APPLICATION ELEMENTS		ADDRESS TO. Commissioner for Patents							
See MPEP chapter 600 concerning utility patent application co	ontents.	P.O. Box 1450 Alexandria, VA 22313-1450							
1. X Fee Transmittal Form (e.g., PTO/SB/17)		7. CD-ROM or CD-R in duplicate, large table or							
(Submit an original, and a auplicate for fee processing)		Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission							
See 37 CFR 1.27.		(if applicable, all necessary)							
3. X Specification [Total Pages 2	81	a. Computer Readable Form (CRF)							
(preferred arrangement set forth below) - Descriptive title of the invention		b. Specification Sequence Listing on:							
 Cross Reference to Related Applications Statement Regarding Fed sponsored R & D 		i. CD-ROM or CD-R (2 copies); or ii. Paper							
 Reference to sequence listing, a table, or a computer program listing appendix 		c. Statements verifying identity of above copies							
Background of the Invention Brief Summary of the Invention		ACCOMPANYING APPLICATIONS PARTS							
 Brief Description of the Drawings (if filed) Detailed Description 		9. X Assignment Papers (cover sheet & document(s))							
- Claim(s) - Abstract of the Disclosure		10. 37 CFR 3.73(b) Statement Power of Attorney							
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets	7]	11. English Translation Document (if applicable)							
5. Oath or Declaration [Total Sheets	2 1	12. Information Disclosure Copies of IDS							
	. الــــــــــــــــــــــــــــــــــــ	Statement (IDS)/PTO-1449							
a. X Newly executed (original or copy)		Beturn Bossint Bostoned (MBED 502)							
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)		14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
i. DELETION OF INVENTOR(S)		15. X Certified Copy of Priority Document(s) (if foreign priority is claimed)							
Signed statement attached deleting inventor(s) named in the prior application,		16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.							
see 37 CFR 1.63(d)(2) and 1.33(b).		17. Other:							
6. Application Data Sheet, See 37 CFR 1.76									
18. If a CONTINUING APPLICATION, check appropriate box,	, and supp	bly the requisite information below and in the first sentence of the specification							
following the title, or in an Application Data Sheet under 37 CFR 1.76:									
Continuation Divisional Continuatio	n-in-part (CIP) of prior application No.:							
Prior application information: Examiner		Art Unit:							
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by									
reference. The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS									
19. CORRESPONDENCE ADDRESS									
X Customer Number or Bar Code Label		23353 or X Correspondence address below							
A COSTON AND AND AND AND AND AND AND AND AND AN		[A] [A]							
RADER, FISHMAN & GRAUE	R PLL	C							
Ronald P. Kananen									
Address 1233 20th Street, N.W.		· · · · · · · · · · · · · · · · · · ·							
Suite 501		,							
	ate	DC Zip Code 20036							
Country US / Te	lephone	(202) 955-3750 Fax (202) 955-3751							
Name (Print/Type) Ronald P Kananen	Registration No. (Attorney/Agent) 24,104								
Signature		Date July 24, 2003							

PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003			Compl te if Known						
			Application Number				Not Yet Assigned		
			Filing Date				July 24, 2003		
			First Named Inventor				Manabu UCHINO		
Effective 01/01/2003, Patent fees are subject to annual revision.	Examiner Name					Not Yet Assigned			
Applicant claims small entity status. See 37 CFR 1.27		Art Unit				N/A			
TOTAL AMOUNT OF PAYMENT (\$) 750.00		Attorney Docket No. SON-2792				92			
	 	FEE CALCULATION (continued)							
METHOD OF PAYMENT (check all that apply) Check Credit Money Check Name	-					_ATION (CO	intinuea)		
Check Card Order Other None	3. A	ADDITIO	ONAL	FEES	•				
X Deposit Account	1								
Deposit Account 18-0013	Large Fee	e Entity Small Entity Fee Fee Fee							
Number	Code	(\$)	Code	(\$)		Fee Desc	Fee Paid		
Deposit Account Rader, Fishman & Grauer PLLC	1051	130	2051	65	Surcharge	ge - late filing fee or oath			
Name The Director Is hereby authorized to: (check all that apply)	1052	50	2052	25		rge - late provisional filing fee or cover			
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	120	sheet.				
Charge any additional fee(s) during the pendency of this				130	•	nglish specification g a request for ex parte reexamination			
application	1812		1812	2,520	•	request for exp publication (
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Examiner a	action			
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting Examiner a	g publication (action	of SIR after		
FEE CALCULATION	1251	110	2251	55	Extension	for reply within			
1. BASIC FILING FEE	1252	410	2252	205		for reply within			
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Paid	1253	930	2253	465		for reply within			
Code (\$) Code (\$)	1254	1,450	2254	725		Extension for reply within fourth month			
1001 750 2001 375 Utility filing fee 750.00 1002 330 2002 165 Design filing fee	1255 1401	1,970 320	2255 2401	985 160	Extension for reply within fifth month			 	
1002 330 2002 165 Design filing fee 1003 520 2003 260 Plant filing fee	1401	320	2401	160	Notice of Appeal Filing a brief in support of an appeal				
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing				
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding								
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to	to revive – unavoidable			
	1453	1,300	2453	650		to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from	1501	1,300	2501	650	-	ue fee (or reissue)			
Total Claims 5 -20** = x = 0.00	1502	470	2502 2503	235	Design issu	<u> </u>			
Independent	1503 1460	630 130	1460	315 130	Plant issue	the Commis	├		
Claims 2 -3** = x = 0.00 Multiple Dependent	1807	50	1807	50			CFR 1.17(q)		
	1806	180	1806	180	_	n of Information			
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Description	8021	40	8021	40		each patent a			
Code (\$) Code (\$) Fee Description					property (ti	(times number of properties) submission after final rejection			
1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	(37 CFR 1.	1.129(a))			
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375		additional invention to be I (37CFR 1.129(b))			
1204 84 2204 42 ** Reissue independent claims over original patent		750	2801	375	Request fo	t for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900		est for expedited examination lesign application			
and over original patent	Other	Other fee (specify)							
SUBTOTAL (2) (\$) 0.00	*Red	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)							
**or number previously paid, if greater; For Reissues, see above									
SUBMITTED BY	Reniel	ration No	,	16:			(if applicable)		
Name (Print/Type) Ronald P. Kaffanen		ey/Agent)		,104		Telephone	(202) 955-3750		
Signature				Date July 24, 2003					